



## **DRAINAGE AS-BUILTS**

### **REQUIREMENTS AND CHECKLIST**

*DRAINAGE AS-BUILTS SHALL NOT BE COMBINED ON THE SAME SHEETS OR IN THE SAME DIGITAL FILES WITH WATER AND/OR SEWER AS-BUILTS. ALL UTILITY AS-BUILTS ARE REQUIRED TO BE PREPARED INDIVIDUALLY.*

*In order to be considered for a release of performance and added to an inspection list and agenda, an Action Request Form, signed off on by the Project Engineer must be submitted concurrently with the drainage as-builts. Blank Action Requests may be printed by clicking on the following link <http://www.franklintn.gov/home/showdocument?id=22082>.*

For technical questions, contact Derrick McCord, Streets Department, 615-550-6883. For questions related to Project Engineer signoffs (Action Request Forms) or agendas, contact Paula Kortas, Planning and Sustainability Department, 615-591-5631 or 615-550-6736.

SUBMIT the following to the Planning and Sustainability Department, Attention: Paula.

- ❖ 2 full-size paper copies, drawn to scale (minimum paper size 24"x36" and maximum scale shall be 1"= 50').
  - ❖ PDF, scaled to match paper submittals.
  - ❖ CAD prepared in the following format: a .dwg copy of the drainage as-builts in Tennessee state plan coordinates, NAD 83, NAVD 88, zone 4100/5301 for incorporation of the drainage as-builts into the COF GIS database.
  - ❖ Completed Action Request Form with project Engineer seal/signature/date.
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- ☐ RLS or Engineer shall begin with the approved grading and drainage plan, then incorporate any field changes made during construction and installation of drainage structures and improvements. The as-builts shall be signed/sealed/dated upon completion by the professional that produced them.
  
  - ☐ The title block shall include the approved project name and City of Franklin (COF) project number.

- ☐ All as-builts are required to be sealed/signed/dated by the Registered Land Surveyor (RLS) or Engineer that prepared them. COF cannot accept or review unsealed plans or as-builts.
- ☐ Contact information of the professional that prepared the as-builts shall be provided on the as-builts, including firm name, address, telephone number and email address.
- ☐ All inverts, catch basins, endwalls, swales, cross-drains, ditches, berms and all other drainage features shall be shown in their actual location on the drawings. Provide outlet protection type and limits, if applicable.
- ☐ Volume availability of all detention and retention ponds shall be verified and shown.
- ☐ All original approved pipe and structure charts shall be provided alongside updated charts, labeled "ORIGINAL DESIGN" and "AS-BUILT EXISTING IN FIELD."
- ☐ Provide a note on the as-builts that reflects whether installed storm pipe is HDPE or RCP.
- ☐ Note if formed inverts have been completed.
- ☐ Verify pond volume capacity and note what material the spillway is constructed with. Show pond contours, including rate of graded slope.